VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

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PART D-VI: LAND APP	LICATION AGREEMENT	- BIOSOLIDS AND INDUS	STRIAL RESIDUALS	
effect until it is terminated in Landowner in the event of a individual parcels identified longer be authorized to rece	Houff's Feed & Fertilizer/refe in writing by either party or, we in sale of one or more parcels in this agreement changes,	between Edgar Allerred to here as the "Permittee with respect to those parcels the standard ownership of all parcels those parcels for which owner siduals under this agreement.	at are retained by the changes. If ownership of	İ
Landowner: The Landowner is the owne agricultural, silvicultural or rexhibit A.	r of record of the real proper eclamation sites identified be	rty located in <u>Augusta County</u> , elow in Table 1 and identified o	Virginia, which includes the on the tax map(s) attached as	;
Table 1.: Parcels auti	norized to receive biosolids,	water treatment residuals or o	ther industrial sludges	
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	1
66-43	74-139Y1	75-4E	66-38	74-1395
66-44	74-139Z	75-5	66-42B	74-139W
66-44E	75-2D	75-5B	66-43B	
74-139X	75-4A	75-6	74-139	
74-139Y	75-4C	75-9E Supplement A (check if applicable)	74-139 A	156
In the event that the Landov within 38 months of the late. 1. Notify the purchase later than the date of 2. Notify the Permittee. The Landowner has no other notify the Permittee immediate.	vner sells or transfers all or p st date of biosolids application or transferee of the application of the property transfer; and the sale within two weeks or agreements for land applicately if conditions change su	ole owners of the properties identified the property to which be property to which be property the Landowner shall: which public access and crop makes following property transfer. Coation on the fields identified he chat the fields are no longer valid or the information herein	osolids have been applied anagement restrictions no erein. The Landowner will available to the Permittee	
agricultural sites identified a inspections on the land iden purpose of determining com	bove and in Exhibit A. The litified above, before, during opliance with regulatory requirated in treatment residuals for the streatment is streatment to the streatment of the streatment is streatment to the streatment of the streatment is streatment.	ee to land apply residuals as s Landowner also grants permis or after land application of peri irements applicable to such appl	sion for DEQ staff to conduct mitted residuals for the plication. er industrial sludges	
manner authorized by the VPA	ermittee, agrees to apply biosol Permit Regulation and in amou	Mailin	fied in the nutrient management	:
specifically prior to any particular	ar application to the Landowner	er's designee of the proposed sch 's land. Notice shall include the s	ource of residuals to be applied.	
document(s) available to DEQ	assigning signatory authority to for review upon request. (Do not	the person signing for landowner t check this box if the landowner signs	above. I will make a copy of this this agreement)	i

Rev 9/14/2012

Timothy J. Grove

Permittee – Authorized Representative Printed Name 97 Railside Drive, Weyers Cave, VA 24486

Mailing Address

Permittee: Houff's Feed & Fertilizer County or City: Augusta

Landowner: Edgar Allan Bocock, Jr.

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- Public access to land with a low potential for public exposure shall be restricted for at least 30 days
 following any application of biosolids. No biosolids amended soil shall be excavated or removed from
 the site during this same period of time unless adequate provisions are made to prevent public
 exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days.
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS							
"Landowner", and Houff's F until it is terminated in writir the event of a sale of one o identified in this agreement	reement is made on	ere as the "Permittee". This a pect to those parcels that are in p of all parcels changes. If of hich ownership has changed	etained by the Landowner in wnership of individual parce	1			
Landowner: The Landowner is the owner agricultural, silvicultural or rexhibit A.	er of record of the real propert reclamation sites identified bel	y located in <u>Augusta County,</u> low in Table 1 and identified c	Virginia, which includes the on the tax map(s) attached a	s			
Table 1.: Parcels aut	horized to receive biosolids, w	vater treatment residuals or of	her industrial sludges				
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	74-1395			
66-44	74-13941	75-4E	66-38	74-139W			
66-44E	74-139 Z	75-5	66-42B				
66-43	75.20	75-5B	66-43B				
74-139×	75-4A	75-6	74-139				
74-139 Y	75-4C	75-9E	74-139A				
☐ Additional parcels containing Lan	d Application Sites are identified on S	Supplement A (check if applicable)		TJ6			
	e Landowner is the sole owne e Landowner is one of multiple						
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes							
incorrect.	•						
The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.							
Class B biosolids Water ✓ Yes □ No ✓ Yes ✓ Yes		od processing waste Oth Yes □ No ✓ Y	<u>er industrial sludges</u> es □ No				
Linda Sue Bocock Landowner – Printed Name, Title	Cinda Sur Boco Signature		<u>E, Rushsylvania, OH 4334</u> g Address	<u>7</u>			
Permittee:		PH: 540	-234-9246				
Houff's Feed & Fertilizer, the Pmanner authorized by the VPA	Permittee, agrees to apply biosolion Permit Regulation and in amoure oplication field by a person certifie	ds and/or industrial residuals on the state of the state of the rates identified the rates id	the Landowner's land in the fied in the nutrient managemen	t			
	the Landowner or the Landowne lar application to the Landowner's			I.			
☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)							
Timothy J. Grove	family From		ve, Weyers Cave, VA 2448	<u>6</u>			
Permittee – Authorized Represer Printed Name			g Address				

Rev 9/14/2012

Permittee: Houff's Feed & Fertilizer County or City: Augusta

Landowner: Linda Sue Bocock

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

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- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

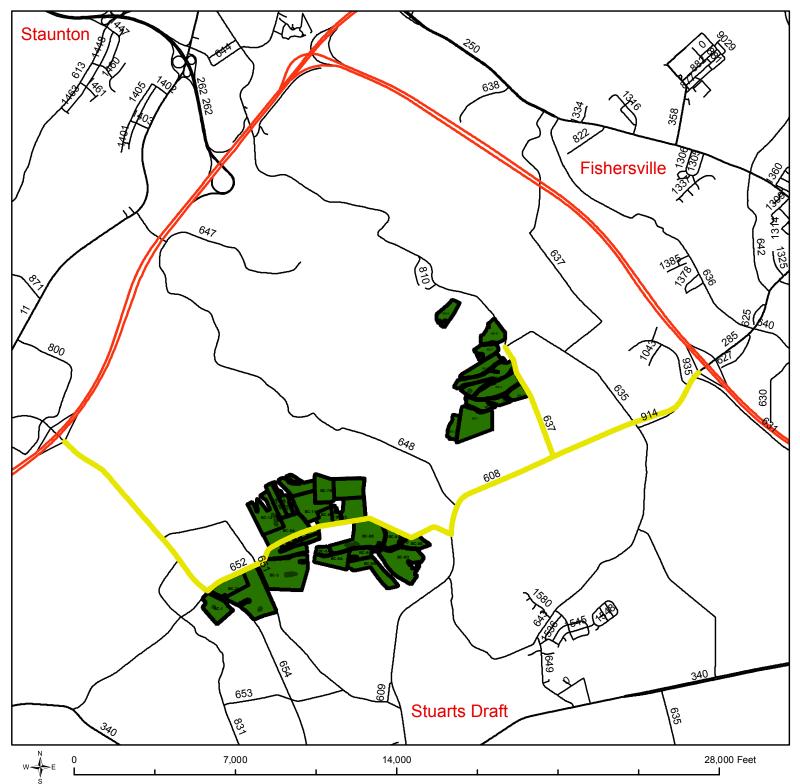
- a. Meat producing livestock shall not be grazed for 30 days.
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
 residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
 nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
 Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

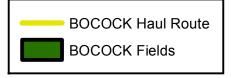
Landowner's Signature

Date

General Location Map (with common haul routes)

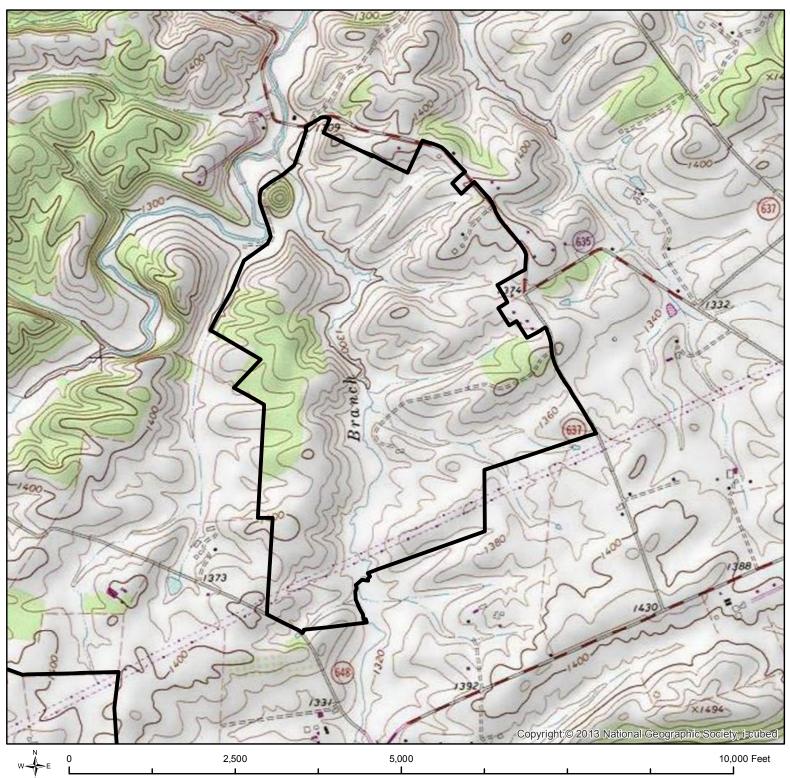
Owner: Allan and Linda Bocock Operator: Steve Fitzgerald





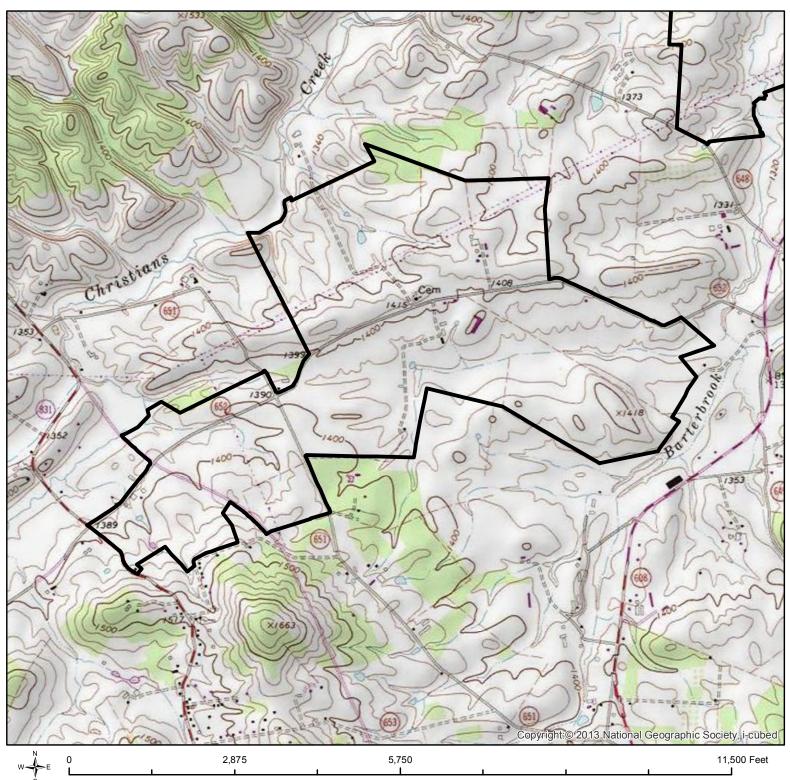


Owner: Allan and Linda Bocock Operator: Steve Fitzgerald



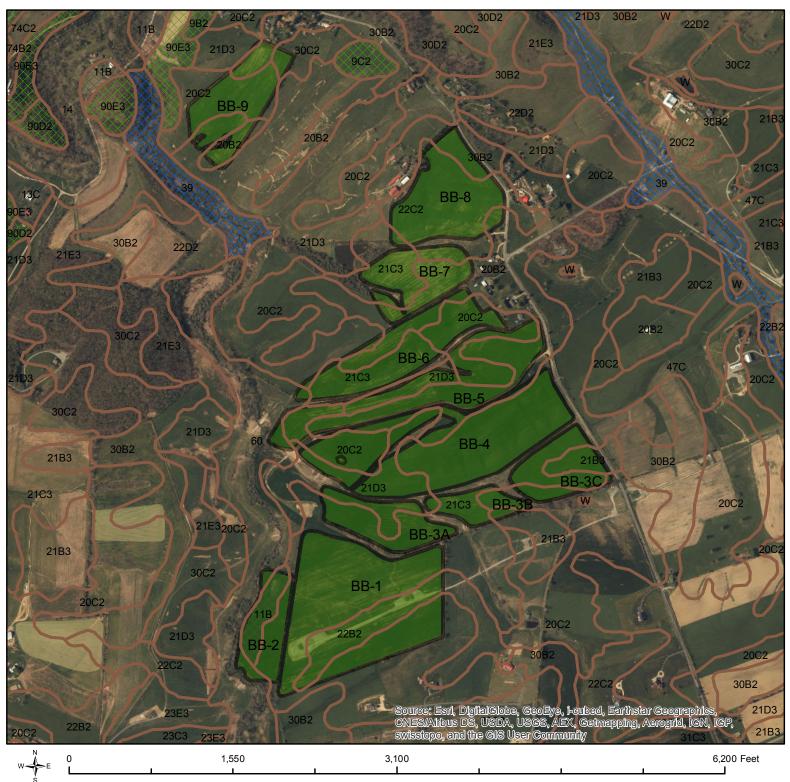


Owner: Allan and Linda Bocock Operator: Steve Fitzgerald





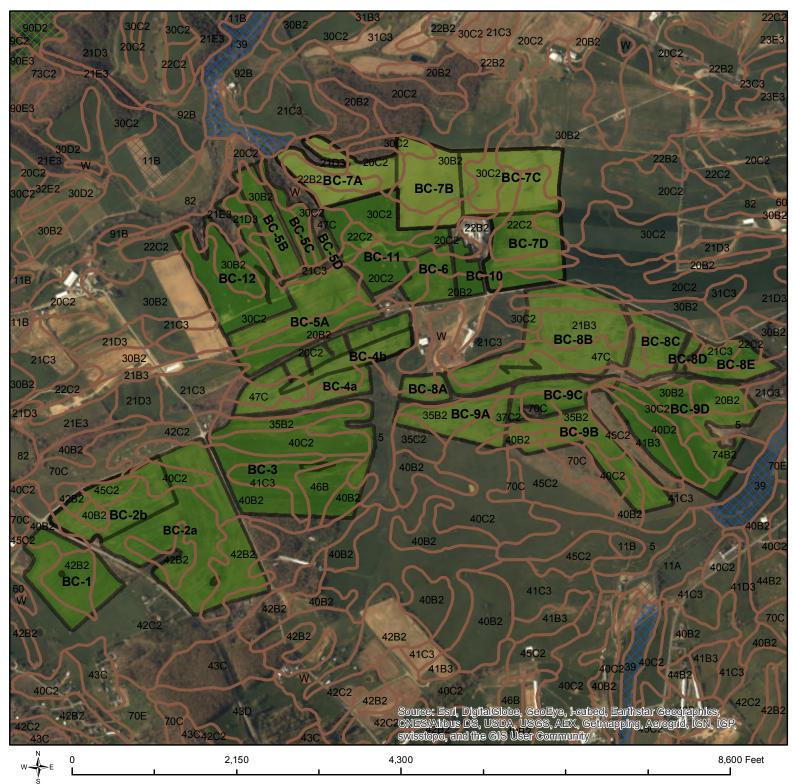
Owner: Allan and Linda Bocock Operator: Steve Fitzgerald

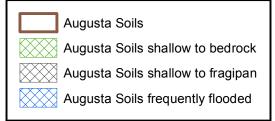






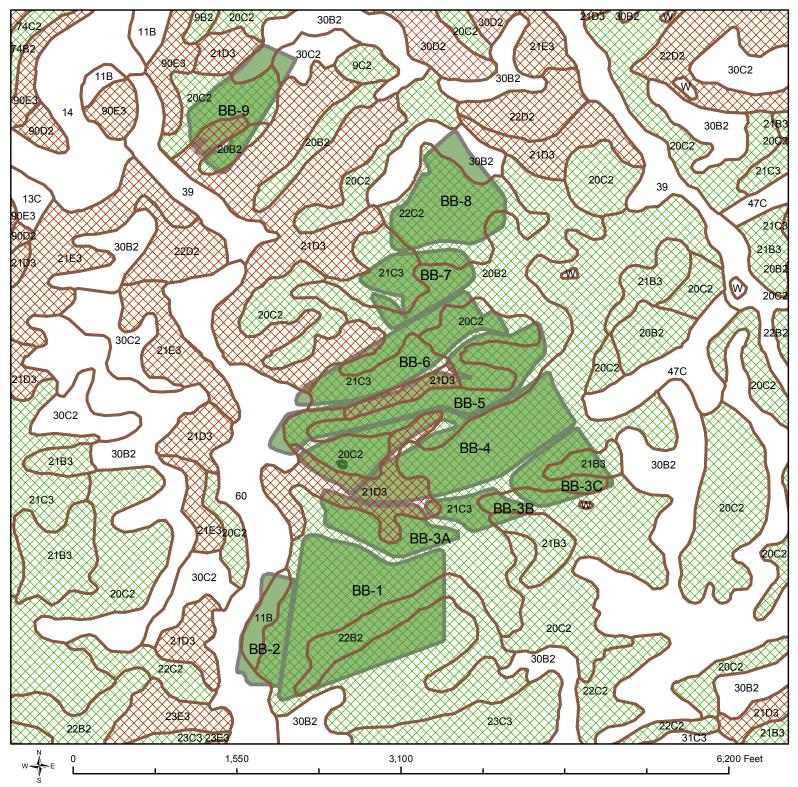
Owner: Allan and Linda Bocock Operator: Steve Fitzgerald

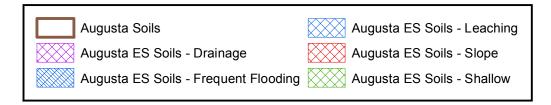






Owner: Allan and Linda Bocock Operator: Steve Fitzgerald

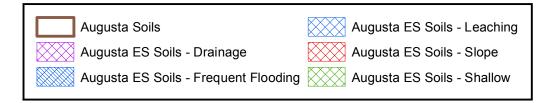






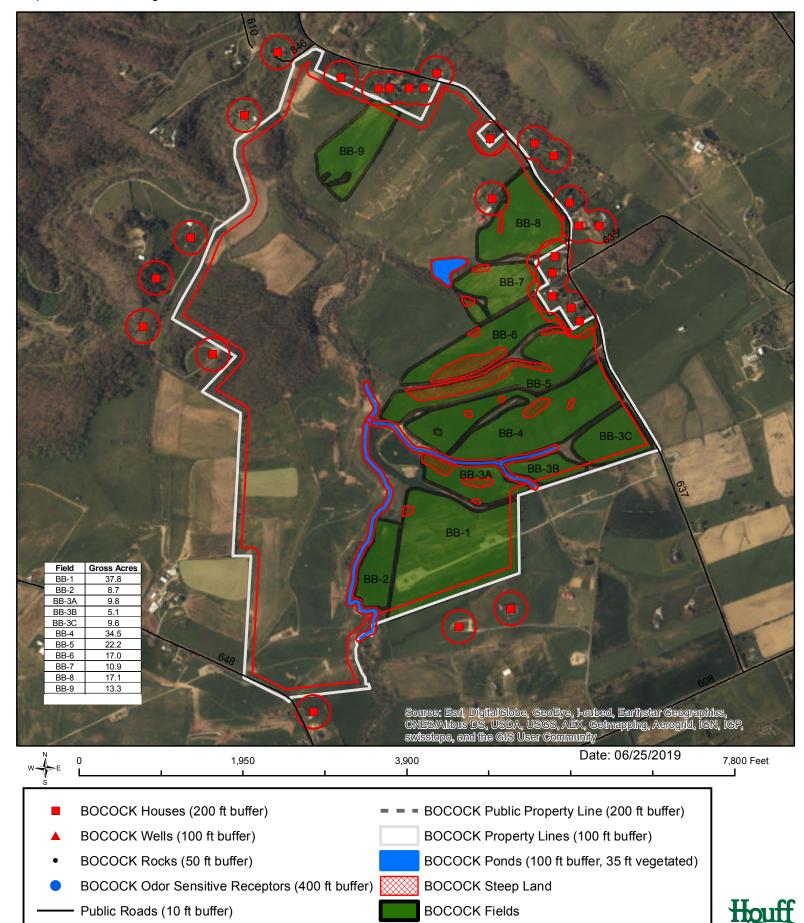
Owner: Allan and Linda Bocock Operator: Steve Fitzgerald





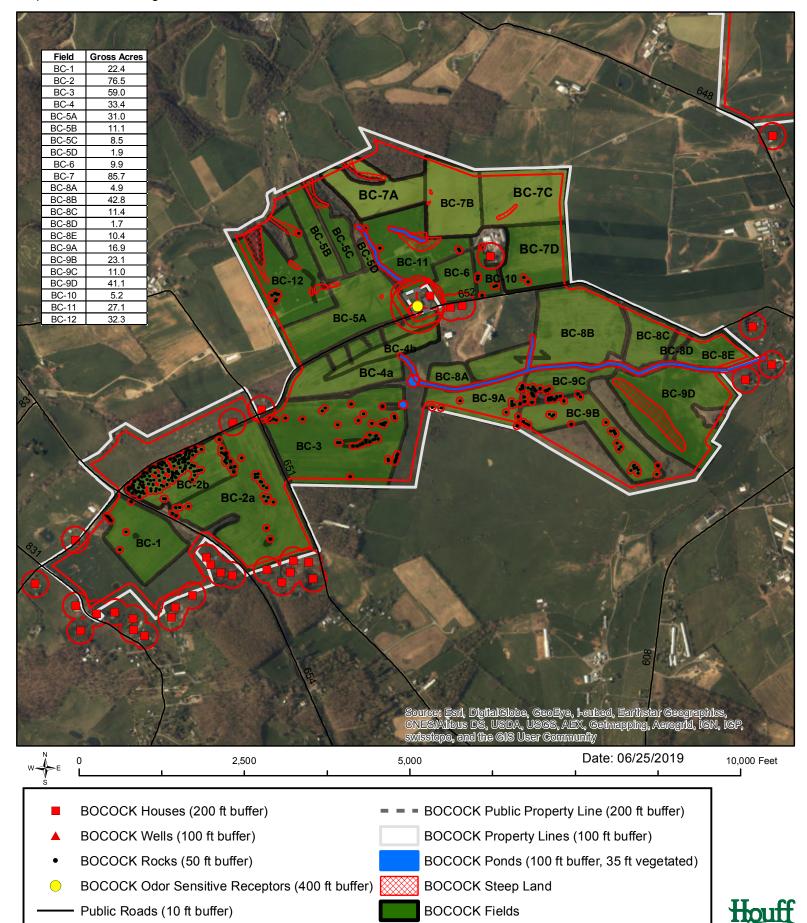


Owner: Allan and Linda Bocock Operator: Steve Fitzgerald



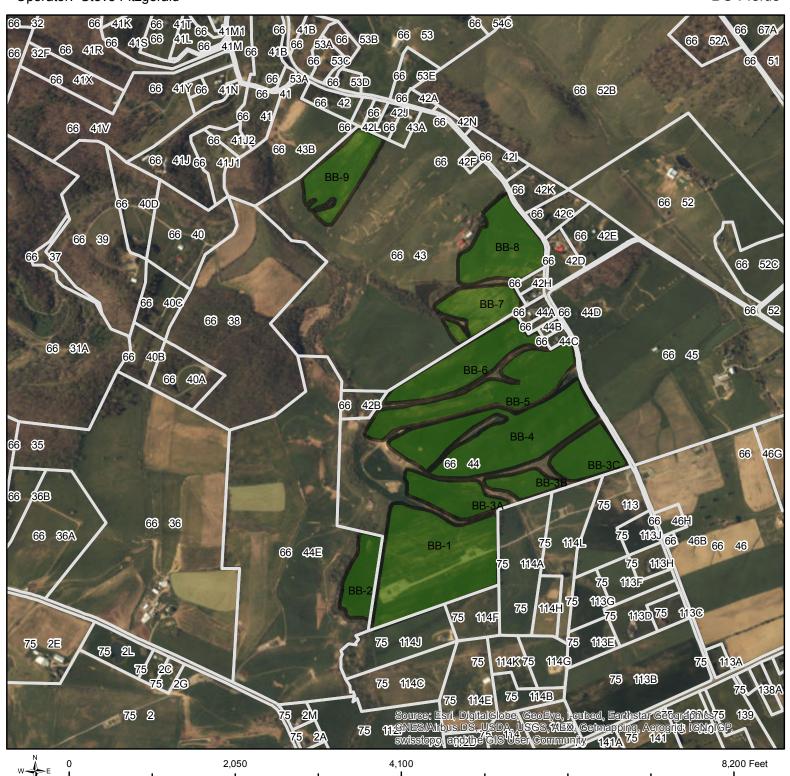
BOCOCK Streams (100 ft buffer, 35 ft vegetated)

Owner: Allan and Linda Bocock Operator: Steve Fitzgerald



BOCOCK Streams (100 ft buffer, 35 ft vegetated)

Owner: Allan and Linda Bocock Operator: Steve Fitzgerald





Owner: Allan and Linda Bocock Operator: Steve Fitzgerald



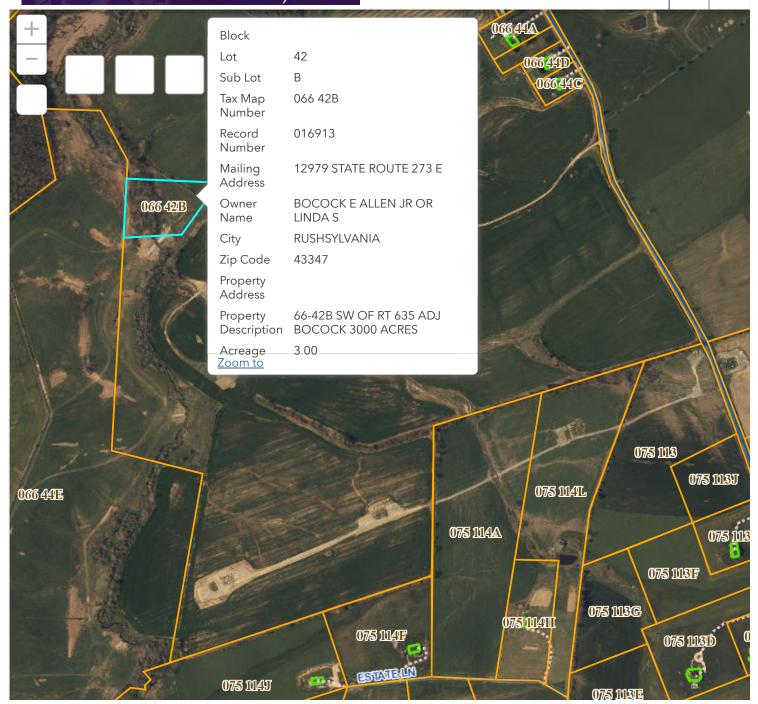


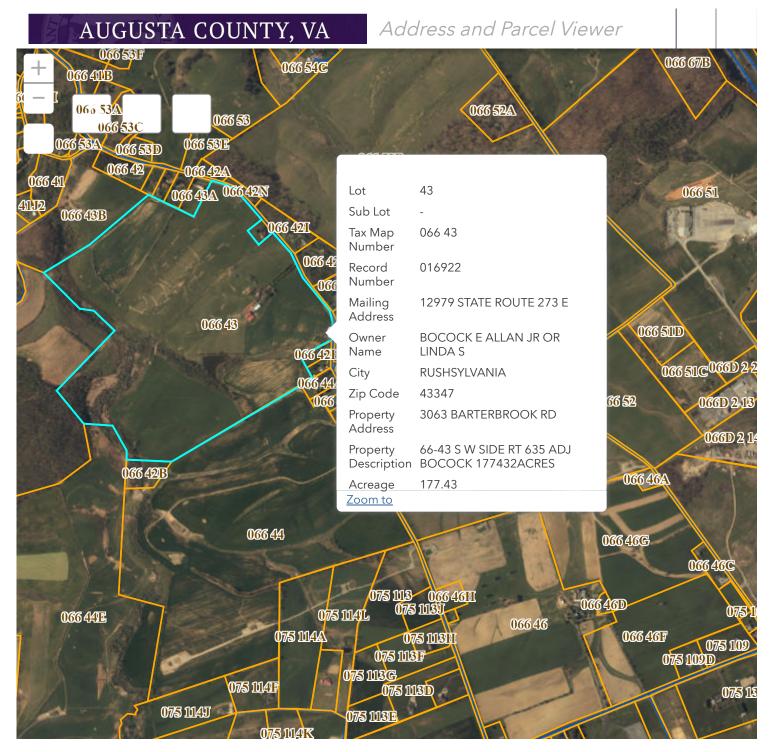
Owner: Allan and Linda Bocock Operator: Steve Fitzgerald

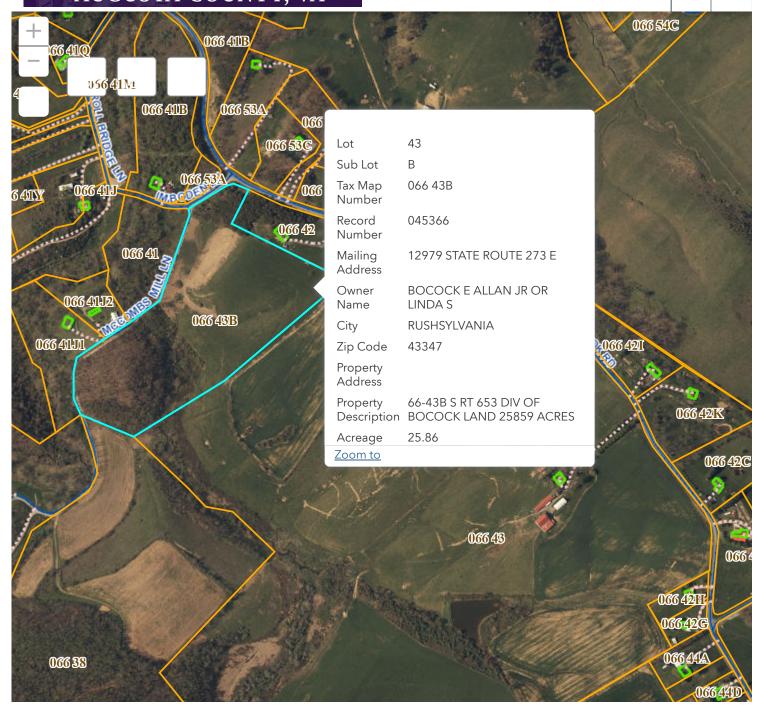


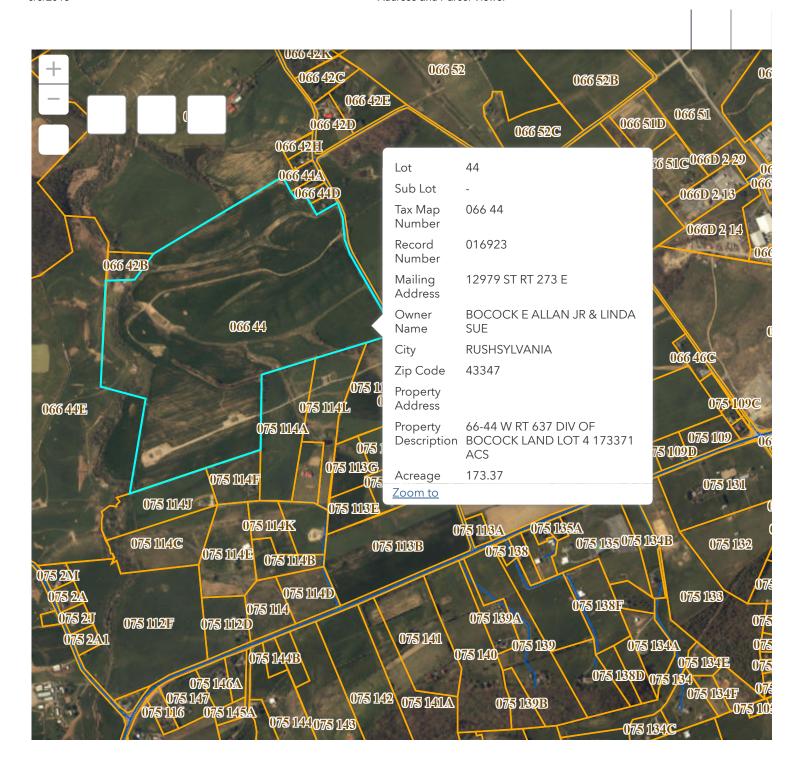


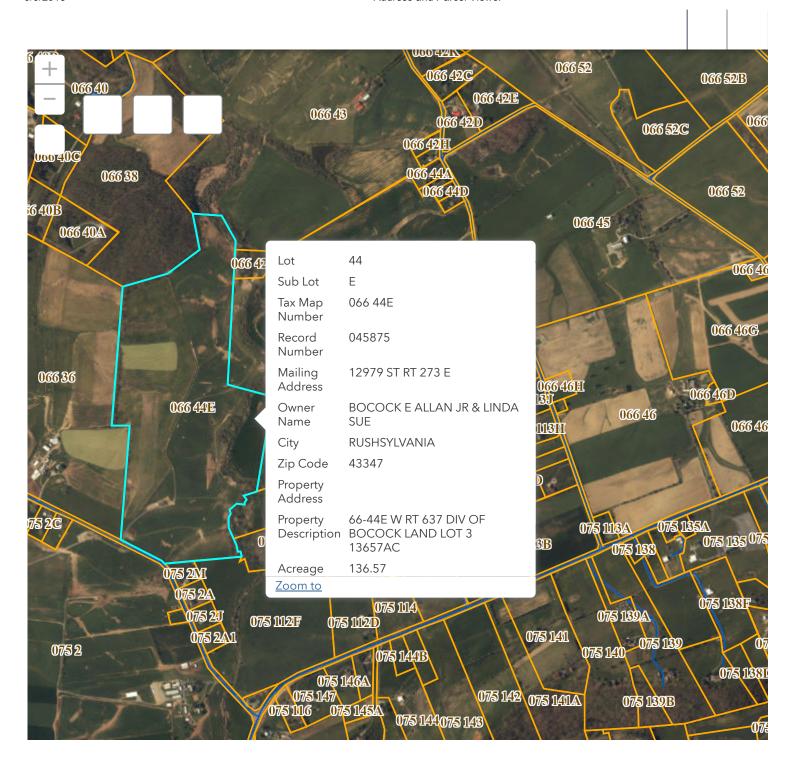
AUGUSTA COUNTY, VA Address and Parcel Viewer 066 54C 06641B 066410 066-411VII 066-41S 066 41B 066 52A 066 53 06653C 000 58A 000 58D 066 53E 066 411N 066 52B 06642 066424 06641 066 43A 066 42N 06641112 066411 06643B 066421 06641111 06642K 06640D 06652 (1 of 2)J66 **-2** 06640 38 Lot 66 42E Sub Lot 066 52C 066 38 Tax Map Number 06640C Record 016900 06638 Number 0665 Mailing 12979 ST RT 273 E 06640B Address 06645 066 40A Owner **BOCOCK EDGAR ALLAN JR** Name OR LINDA SUE **RUSHSYLVANIA** City Zip Code 43347 Property Address 66-38 JF PATTERSON LAND Property LOT 2 67631 ACRES Description 06636 Acreage 67.63 075 1113 000 40H 075 1113H 0664GD 066 44 Zoom to 06646 075 1144 075 1131 075 1131 075 1113G 075 1141 075 113D 075 1141 075 1131 075 114K 075 1354 07**5** 1113A

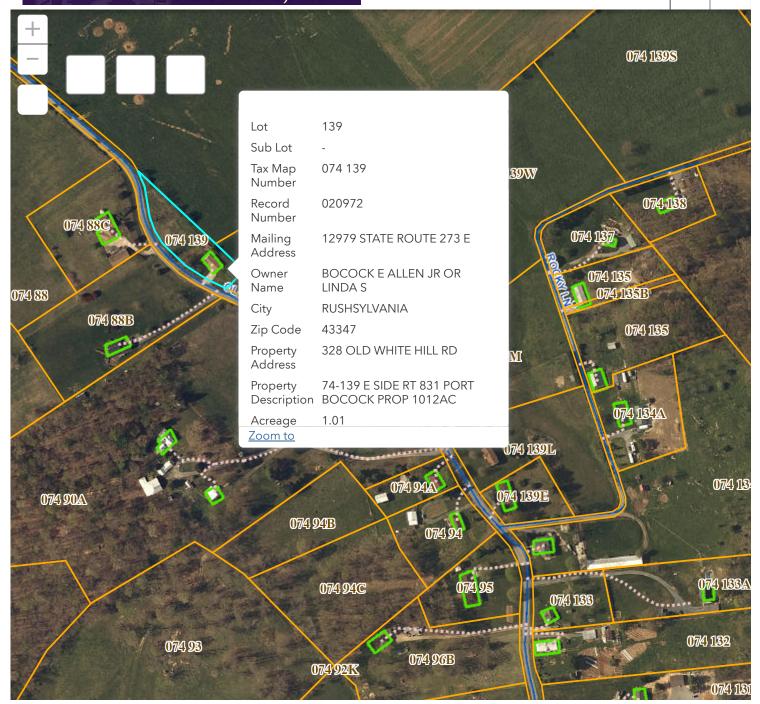


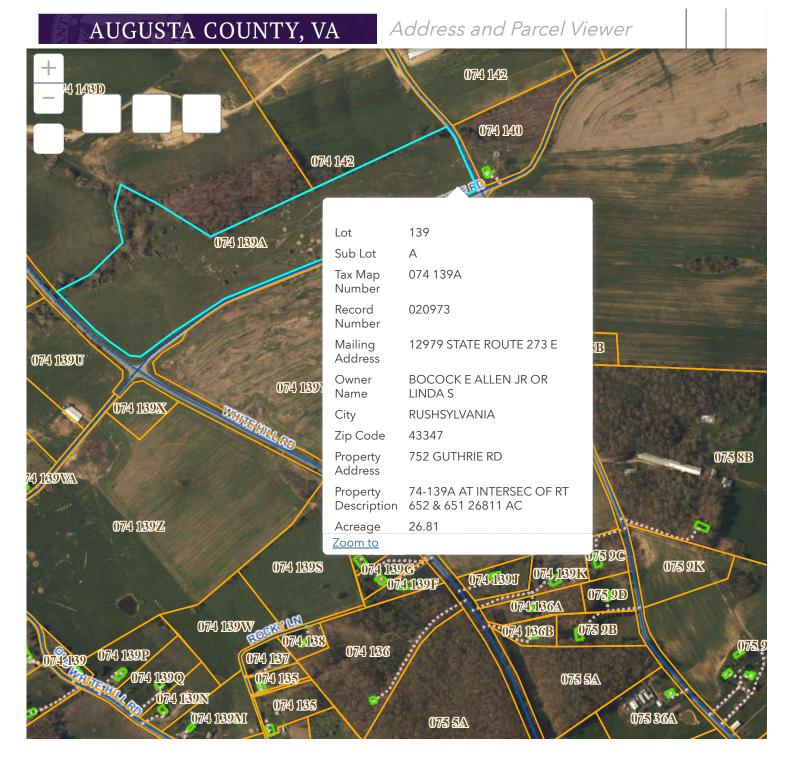






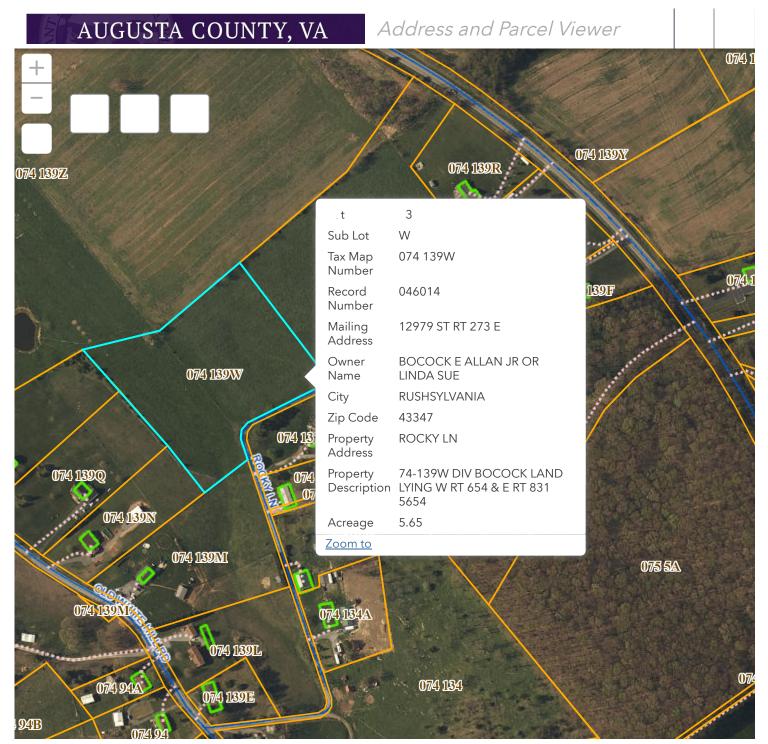




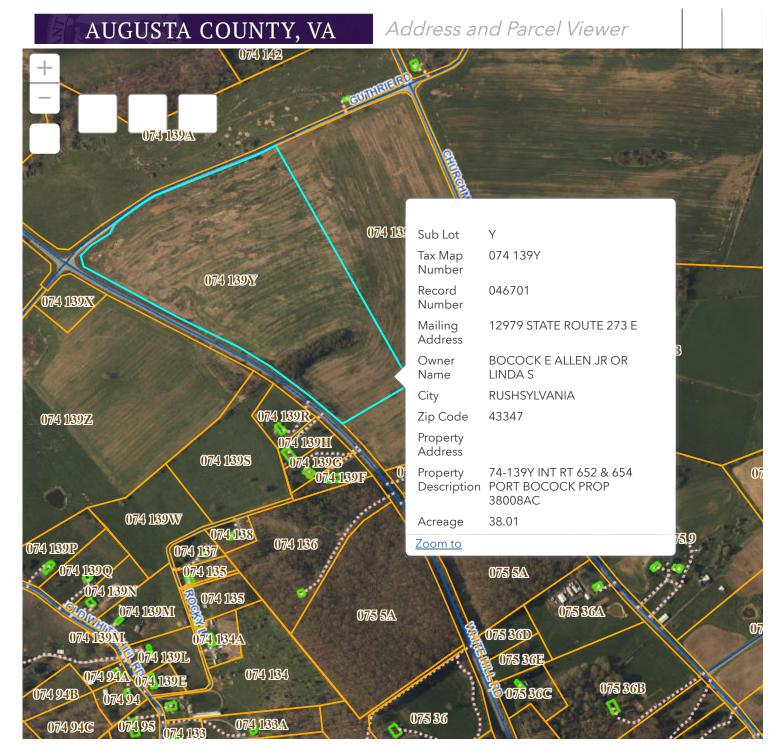


AUGUSTA COUNTY, VA Address and Parcel Viewer 074 139Y 074 13911 075 9E 074 139 139 Lot Sub Lot Тах Мар 074 139S Number Record 044770 074 1398 Number 074 139K **O**J Mailing 12979 STATE ROUTE 273 E Address BOCOCK E ALLEN JR OR Owner 074 136A Name LINDA S City RUSHSYLVANIA 074 139W 43347 Zip Code 074 <mark>136B</mark> 074 138 Property Address 74-139S W RT 654 DIV OF Property 074 137 Description BOCOCK LAND 8579 ACS 8.58 Acreage 074 135 07/5 Zoom to 074 135B 074 135 074 134 4 139M 0755A 075

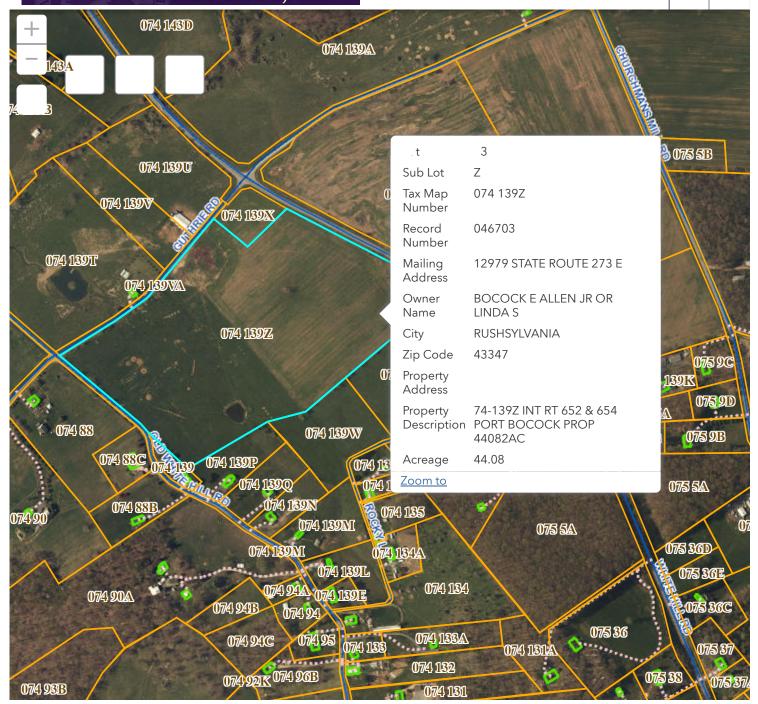
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Address and Parcel Viewer AUGUSTA COUNTY, VA 074 142 074 140 074 142 0755 139 Lot Sub Lot Υ1 074 139Y1 Тах Мар Number 074 1391/1 Record 046702 Number Mailing 12979 STATE ROUTE 273 E 4 139Y Address Owner **BOCOCK E ALLEN JR OR** Name LINDA S City **RUSHSYLVANIA** 43347 Zip Code Property Address 075 9E 074 139R Property 74-139Y1 INT RT 651 & 652 PORT BOCOCK PROP Description 074 139H 29523AC 074 139G 1 139S 074 139 Acreage 29.52 074 1391 J 074 139F Zoom to 074 136A **GKSY LIN** 0759G 0759B 074 136B **74 138** 074 136 0759H 075 5A 0759F



AUGUSTA COUNTY, VA Address and Parcel Viewer 0752G 2 Lot Sub Lot D 075 2D Tax Map Number Record Number 021164 12979 STATE ROUTE 273 E Mailing Address Owner Name BOCOCK E ALLAN JR OR 075 2D LINDA S City RUSHSYLVANIA 43347 Zip Code Property Address 75-2D BARTERBROOK 902 Property Description **ACRES** 9.02 Acreage Total Value 54,100 Zoom to 0756

AUGUSTA COUNTY, VA Address and Parcel Viewer 075 11B 075 2N 06634 075 1A 075 2E 0752L 06636 074 141 07/5 2C 066 44E Lot 4 Sub Lot 075 2D Tax Map 075 4A Number Record 021168 Number 12979 STATE ROUTE 273 E Mailing 075 4A Address Owner BOCOCK E ALLAN JR OR Name LINDA S RUSHSYLVANIA City 0753 43347 Zip Code 50 BOCOCK LN 074 142 Property 075 4E Address 75-4A N RT 652 E CHRISTIANS Property Description CREEK 236525 ACRES 236.53 074 140 Acreage Zoom to 0755 07/5 0752B 074 139Y1 075 5B 075 16B 075 0752K 07516 0758B 0758 075 15 075 9E 075 16G 0759K

Address and Parcel Viewer



300ft



Address and Parcel Viewer AUGUSTA COUNTY, VA 5 Lot Sub Lot 075 5 Тах Мар Number 021170 Record Number Mailing 12979 STATE ROUTE 273 E Address BOCOCK E ALLEN JR OR Owner Name LINDA S RUSHSYLVANIA City 43347 Zip Code Property 1059 GUTHRIE RD Address 75-5 STUARTS DRAFT E Property Description BARTERBROOK RD 251134 251.13 Acreage Zoom to

AUGUSTA COUNTY, VA Address and Parcel Viewer 074 142 074 140 074 142 0755 5 Lot Sub Lot В Тах Мар 075 5B Number Record 045364 Number Mailing 12979 STATE ROUTE 273 E Address 074 139Y1 075 5B Owner BOCOCK E ALLEN JR OR Name LINDA S City **RUSHSYLVANIA** 074 139Y 43347 Zip Code Property CHURCHMANS MILL RD Address Property 75-5B E RT 651 DIV OF Description BOCOCK LAND 1893ACRES 1.89 Acreage 075 9E Zoom to 074 139R 074 139H 07**5**9C 0759K 074 1**39**S 074 139K 074 1391 0759J 074 139F 075 9D 074 136A COLOR LIN 0759G 075 9B 074 136B 074 138 074 136 0759H 135 0755A 074 135 075 9F

